Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 22 May 2021 until 23:59 on Sunday 23 May 2021

Forecast Issued on Saturday 22 May 2021 at 04:34

Confidence: Moderate to high in overall trend, lower confidence in detail of showers.

Headline for Saturday 22 May 2021: Rain clearing, then cloud lifting and breaking to allow sunny intervals, but with afternoon showers. Winds easing.

Mountain weather hazards on Saturday 22 May 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG				
Fog	Fog	Dull	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
60%	20%	10%	40%	20%	00%

Forecast for Saturday 22 May 2021

Weather: Overcast at first with hill tops shrouded in cloud. Outbreaks of light rain and drizzle will ease this morning, then staying cloudy. This afternoon the cloud breaks, allowing sunny intervals to develop along with scattered showers. Later this afternoon the showers will die away, leaving a dry and clear evening with temperatures quickly falling. Strong winds at first will ease.

Chance of cloud free mountain/hill tops above 600m: Around 10 percent at first, becoming 90 percent as cloud lifts and breaks this afternoon.

Visibility: Good occasionally moderate in rain and drizzle at first, but very limited visibility in widespread fog on peaks. Becoming very good at all levels this afternoon, with distant hills discernible.

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Mountain Weather Forecast

Forecast for Saturday 22 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 NW	11/14 NW	9/14 NW	11/17 W	11/16 W	11/20 W	8/15 SW
300	13/22 NW	9/15 NW	7/13 NW	8/16 W	8/16 W	9/20 W	5/13 W
Valley	7/17 NW	7/14 NW	7/13 NW	7/14 W	6/13 W	5/15 W	3/6 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	2/-2	4/1	5/1	5/2	4/0	3/-1
300	4/-0	5/2	7/5	8/6	8/6	6/3	4/2
Valley	5/3	7/5	9/7	9/8	10/8	6/5	5/3
Freezing Level*	800m	800m	1000m	1000m	1000m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling unseasonably cold with low single figure temperatures on peaks.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 22 May 2021	27.2mm	56mm	56.4mm

Forecast for Sunday 23 May 2021

Weather: Clear and cold overnight, with possibly a slight ground frost. Sunny spells, and broken cloud, and perhaps a few showers during the morning. Cloud increases through the afternoon, with a band of heavy rain moving east through the evening, accompanied by hill fog and strong winds. Late evening the rain clears, and broken cloud and scattered showers follow.

Maximum wind: Southerly winds will strengthen to near gale, with gusts to 45 mph in periods of rain later.

Chance of cloud free mountain/hill tops above 600m: 90 percent during the morning, becoming 20 percent in heavy rain later.

Visibility: Mainly good or very good, locally moderate in showers ahead of and following the rain. Becoming poor in heavy rain, and very poor with limited visibility in widespread fog at higher altitudes.

Temperature: **Valleys:** 2 deg becoming 11 deg C
At 600m: 1 deg C becoming 5 deg C
Freezing level: Near the peaks at first, rising later.

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